

**MI BPM Project**  
**MI BPM TB Control Module Status Report April 18<sup>th</sup>, 2006, 9:30am**

Changes in activities since last status report on April 11<sup>th</sup>, 2006 are highlighted in yellow.

**MI BPM TB Control Module Production**

**Hardware status:**

- ) Work in progress on the “Functional Requirements Specification”.
- ) Conceptual design of the production version of the Control Module completed.
- ) Electrical Schematic completed.
- ) Printed Circuit Board Layout work in progress.
- ) PCB Manufacturing: submitted quote requests.
- ) Parts ordering completed.

**Firmware status:**

- ) Coding work in progress.

**MI BPM TB**

**Firmware status:**

- ) Conceptual work in progress together with Control Module (production version) design.

**MI BPM TB Control Module Prototype**

**Hardware status:**

- ) No activities.

**Firmware status (Avnet Xilinx card FPGA):**

- ) No activities.

Document related to the Control Module are available on the web page:

[http://www-ese.fnal.gov/MI\\_BPM\\_TB\\_CTL/](http://www-ese.fnal.gov/MI_BPM_TB_CTL/)

**MI BPM Project**  
**MI BPM TB Control Module Time Schedule**  
**As on February 28<sup>th</sup>, 2006, last modified on April 18<sup>th</sup>, 2006**

Week beginning on	Task 1	Task 2	Task 3	Task 4	Goals and decisions
February 27 <sup>th</sup>	Design				
March 6 <sup>th</sup>	Design	Schematic			Finalize design
March 13 <sup>th</sup>	Firmware	Schematic			
March 20 <sup>th</sup>	Firmware	Schematic <del>review</del>			Minor design changes
March 27 <sup>th</sup>	Firmware	Schematic PCB layout		Parts ordering	
April 3 <sup>rd</sup>	Firmware	Schematic review PCB layout		Parts ordering <del>Parts arrive</del>	
April 10 <sup>th</sup>	Firmware	PCB layout	PCB quotes	Parts arrive	
April 17 <sup>th</sup>	Firmware	PCB layout PCB manufacturing	PCB quotes Front panel design	Parts arrive	<del>Finalize preliminary version of firmware.</del>
April 24 <sup>th</sup>	Firmware	PCB Manufacturing Module assembly	Front panel manufacturing		Finalize preliminary version of firmware. 1 <sup>st</sup> Module assembled and tested
May 1 <sup>st</sup>		Module assembly	Front panel manufacturing		May 1 <sup>st</sup> : Does module meets system requirements?
May 8 <sup>th</sup>		Module testing	Front panel manufacturing		
May 15 <sup>th</sup>					May 15 <sup>th</sup> : All Modules assembled and tested
May 22 <sup>nd</sup>					
May 29 <sup>th</sup>					